

Figure 1

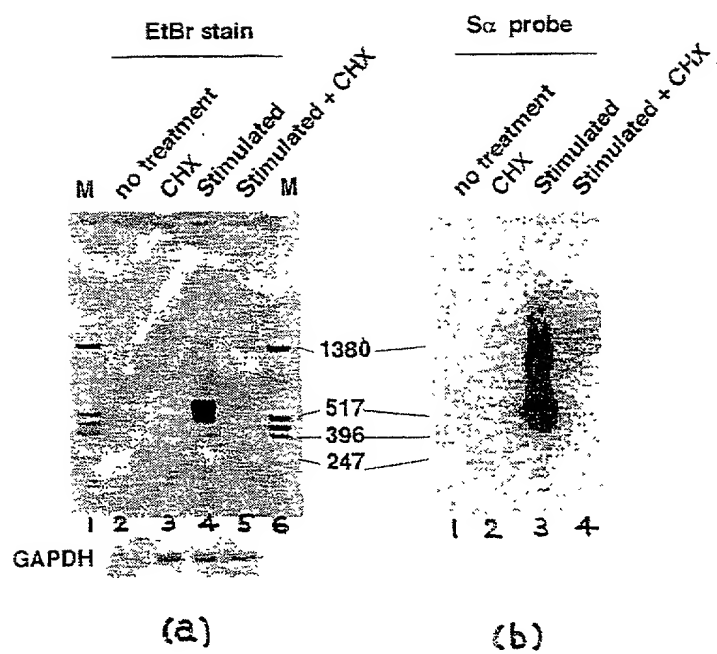
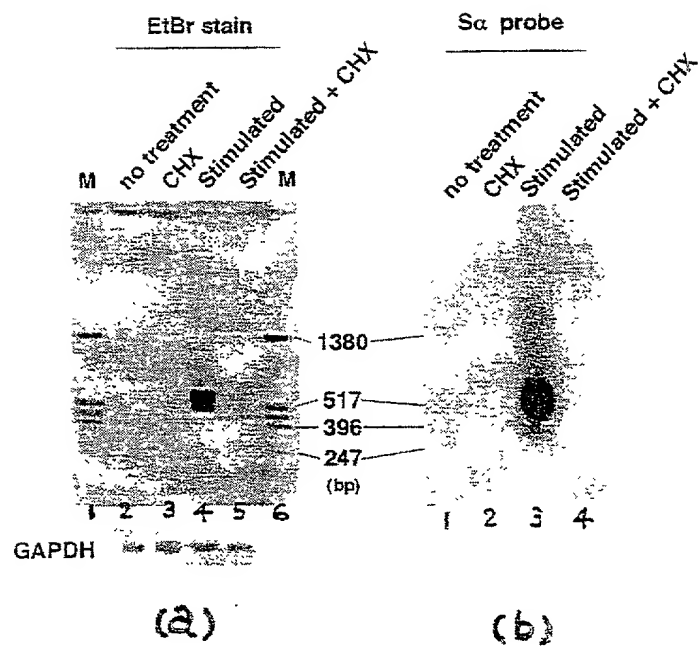


Figure 2



3 / 2 5

Figure 3

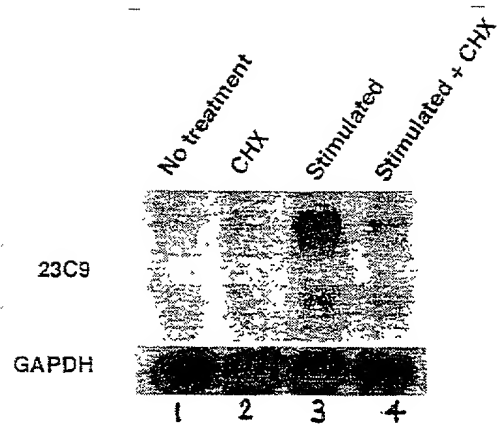


Figure 4

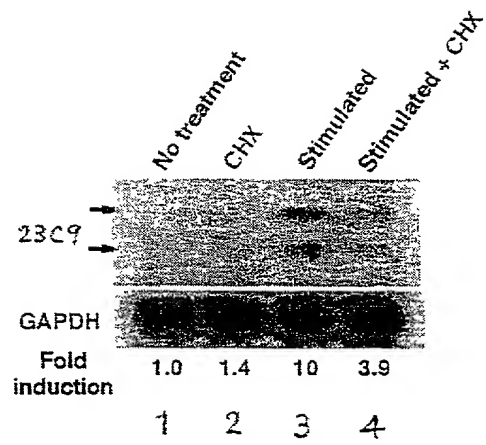


Figure 5

m AID	1	M--D--SL-L-MK-QKKF-LYHFKNV	RW-AGK-RHET	LCYVVKRRDSATSCS	LD	F	G	H	L	R	50
mAPOBEC-1	1	MSSETGPVAVDPTLRRRIEPHEF-EVFFDPREL	RKETCL	LYEIN-W-GGRH-SV-WR	H	I	T	S			55
m AID	51	NKSGCHIV	ELLFL-RYISDWDLP-GRCYRV	TWFTSWSPCYD	CARHVAEFL	R	W	N	P	N	108
mAPOBEC-1	56	QNTSNHVEVNFLEKFTTERYFRPNT	RC-SITWFLSWSPCGECSRAIT	EFLSRHPY	VT	L	F	I			114
m AID	109	FTARLYFCEDRKAEP	GLRLHRA	GVQIGIMTFKDYFYCWN	T	E	V	E	N	R	168
mAPOBEC-1	115	YIARLYHHTDQR-NRQGLRDLIS	SGVTIQIMTEQEYCYCWRN	FVNYPPS	N	E	A	Y	W	P	173
m AID	169	SVRL-TRQLRR	ILLPLYE-VDDL	RD	A	F	R	M	L	G	198
mAPOBEC-1	174	WVKLYVLELYCII	ILGLPPCLKILRRKQPQLTF	FTIT	IL	Q	T	C	H	Y	229

Figure 6

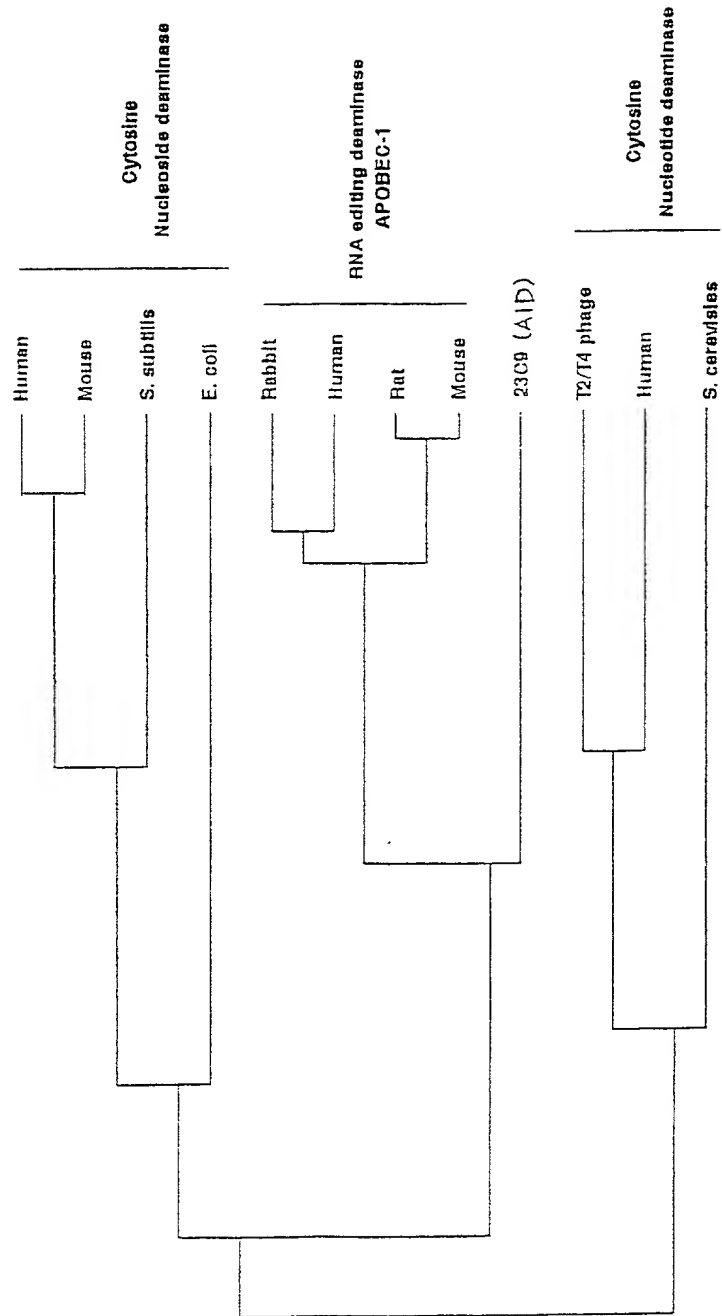


Figure 7



Figure 8

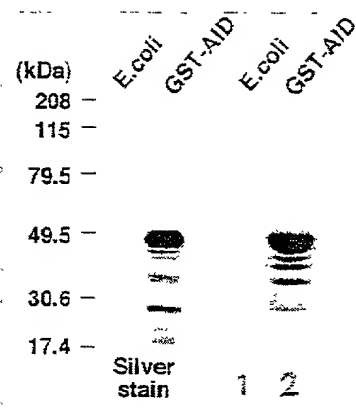
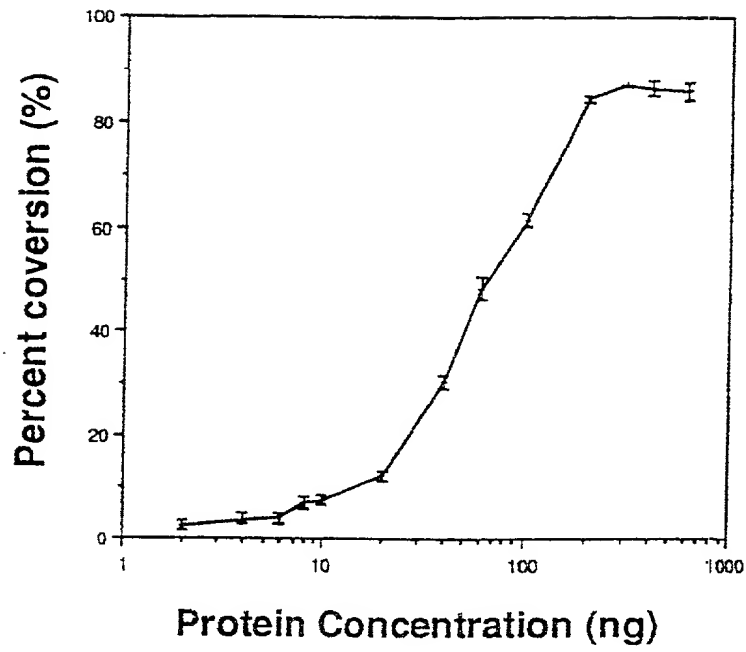


Figure 9



10/25

Figure 10

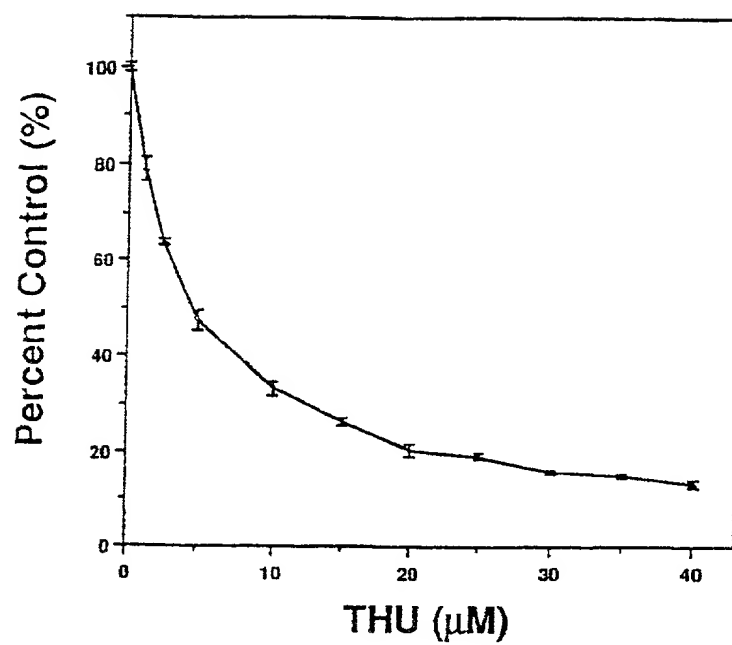


Figure 11

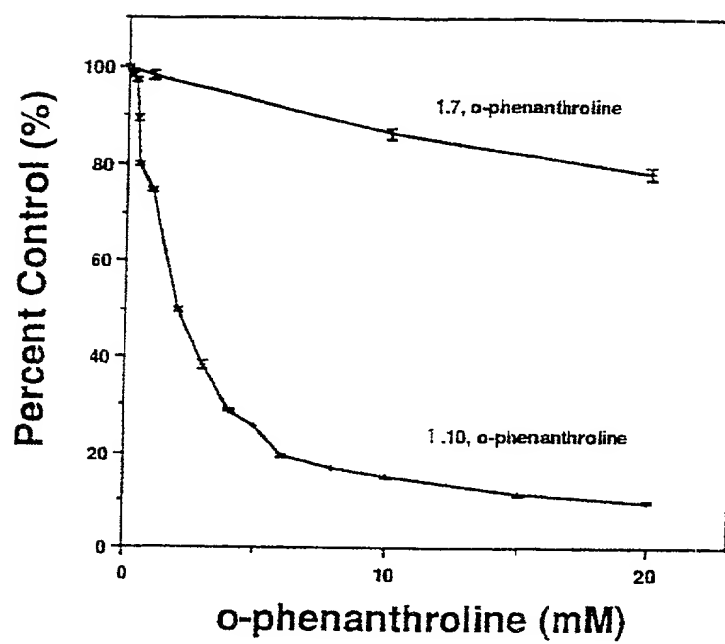
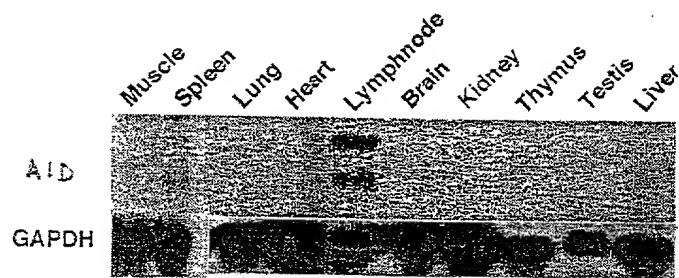
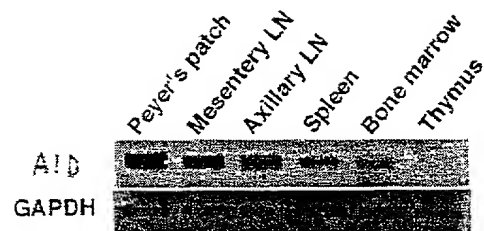


Figure 12



13 / 25

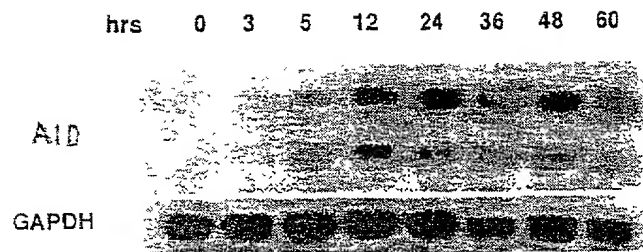
Figure 13



0956390-092801
T03260-08899660

14/25

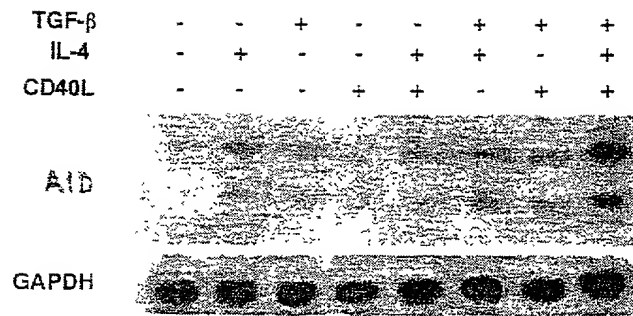
Figure 14



09966660-092601

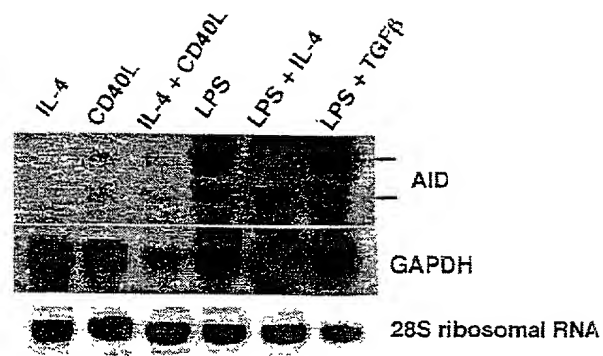
15/25

Figure 15



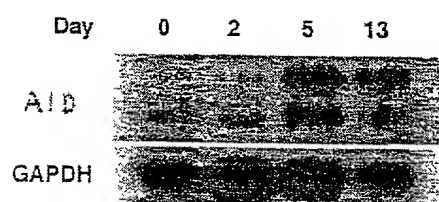
0996580-099601

Figure 16



17/25

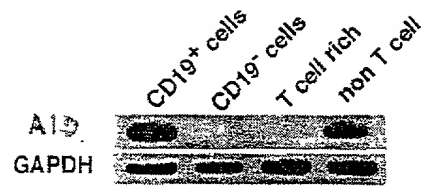
Figure 17



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18 / 25

Figure 18



095580-09301

Figure 19

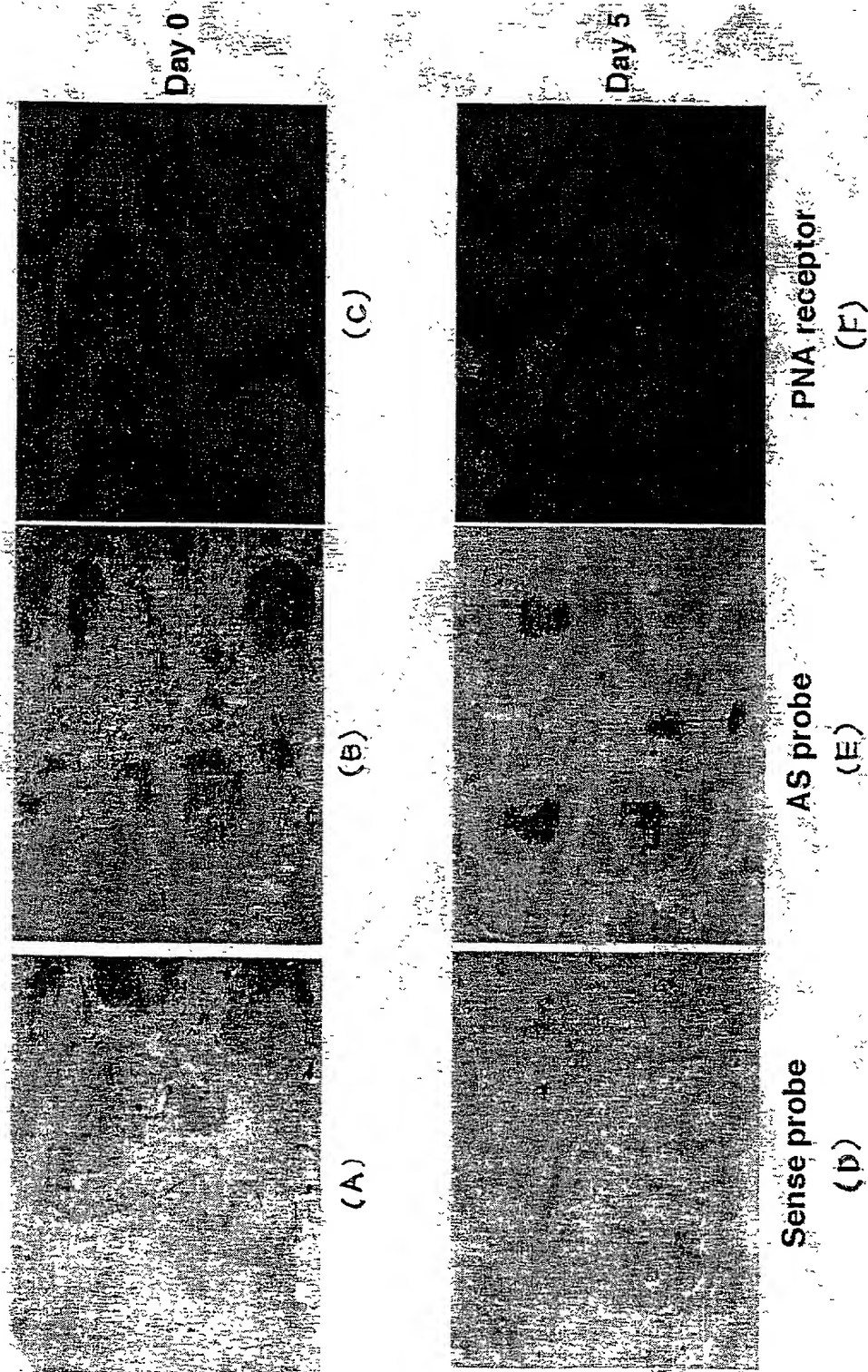
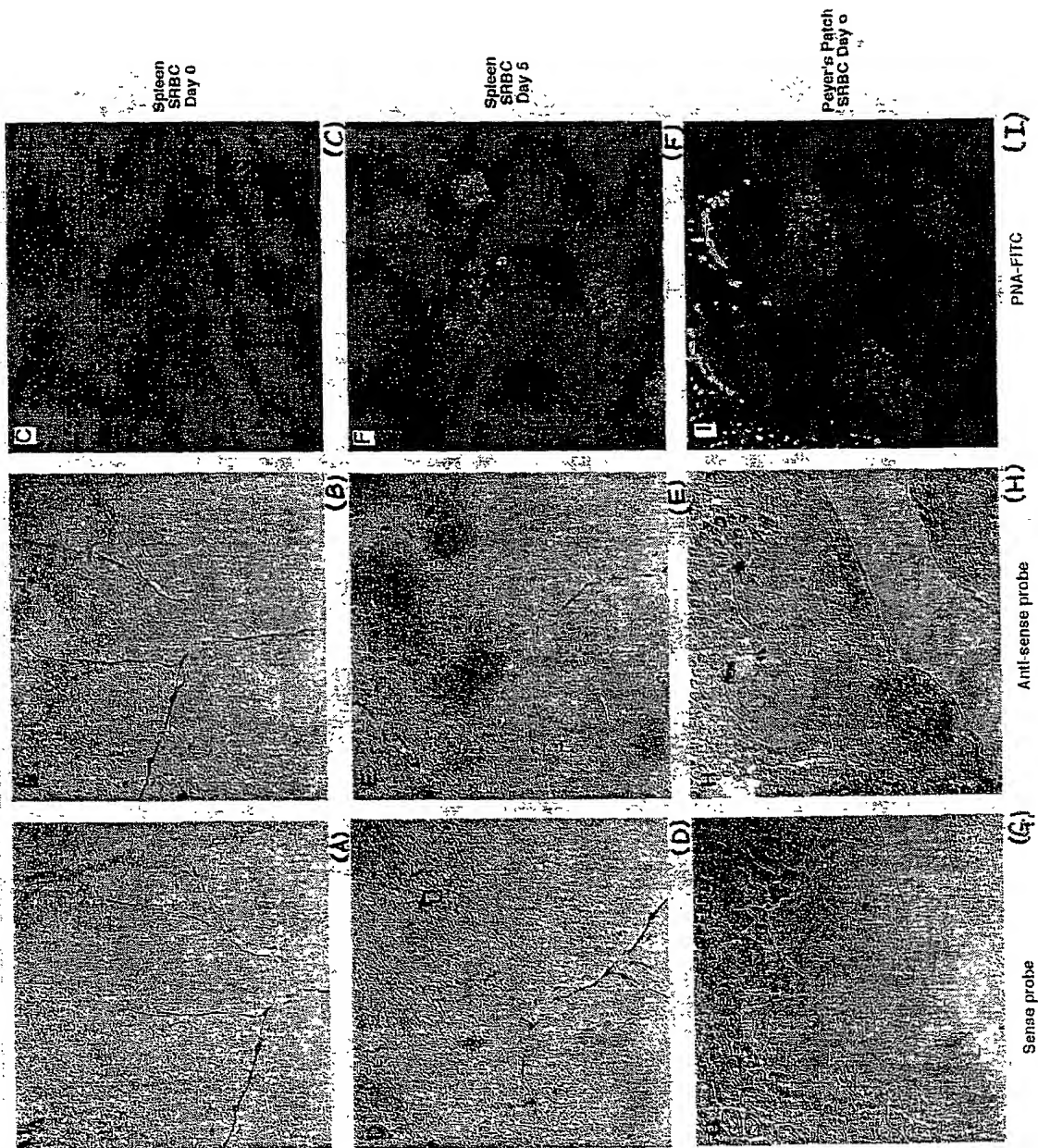


Figure 20



sequence which should be confirmed

primer position

exon

intron

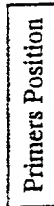


Figure 22

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Human : 1  MDSLIMNRKFLYQFKNVRWAKGRRETYLCYVVKRRDSATSFSLDFGYLRNKGCHVELL 60
          ***** ++***** *****+*****+*****
Mouse : 1  MDSLIMKQKKFLYHFKNVRWAKGRHETLYCYVVKRRDSATSCSLDFGHLRNKSGCHVELL 60
          ***** ++***** *****+*****+*****

Human : 61  FLRYISDWDLDPGRCYRVTVFTSWSPCYDCARHVADFLRGNPNLSLRIFTARLYFCEDRK 120
          *****+*****+*****
Mouse : 61  FLRYISDWDLDPGRCYRVTVFTSWSPCYDCARHVAEFLRWNPNLSLRIFTARLYFCEDRK 120
          *****+*****+*****

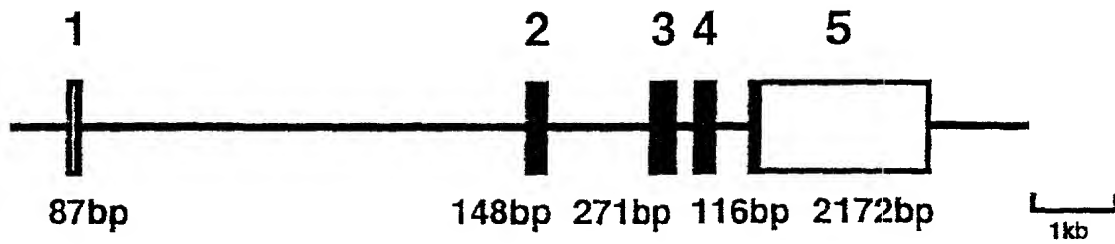
Human : 121 AEPEGLRRLHRAGVQIAINTFFKDYFCWNTFVENHERTFKAWEGLEHNSVRLSRQLRRIL 180
          *****+*****+*****
Mouse : 121 AEPEGLRRLHRAGVQIGIMTFKDYFCWNTFVENRERTFKAWEGLEHNSVRLTRQLRRIL 180
          *****+*****+*****

Human : 181 LPLYEVDDLRDAFRTLGL 198
          ***** **
Mouse : 181 LPLYEVDDLRDAFRMLGF 198
          ***** **

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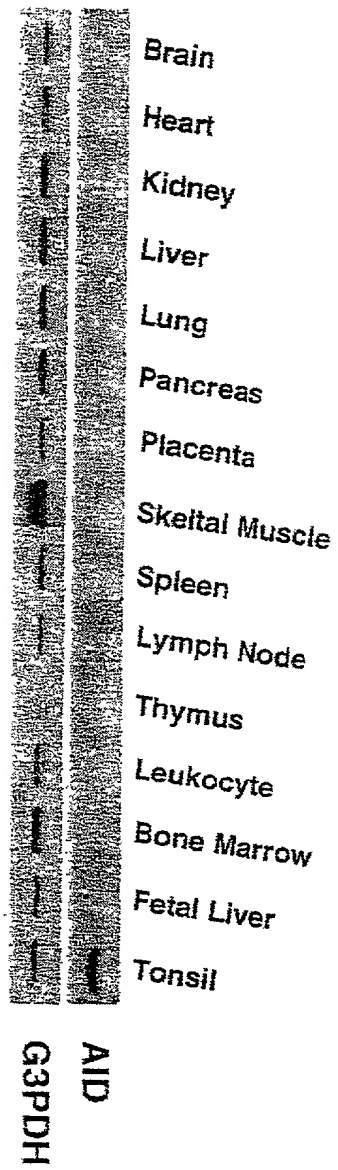
23 / 25

Figure 23



Exons	5' Splice Donor	3' Splice Acceptor	Exons
1	GACAGgt	agCCTCT	2
2	ATAAGgt	agAACGG	3
3	CAAAGgt	agATTAT	4
4	TTTtGgt	agCCCCCT	5

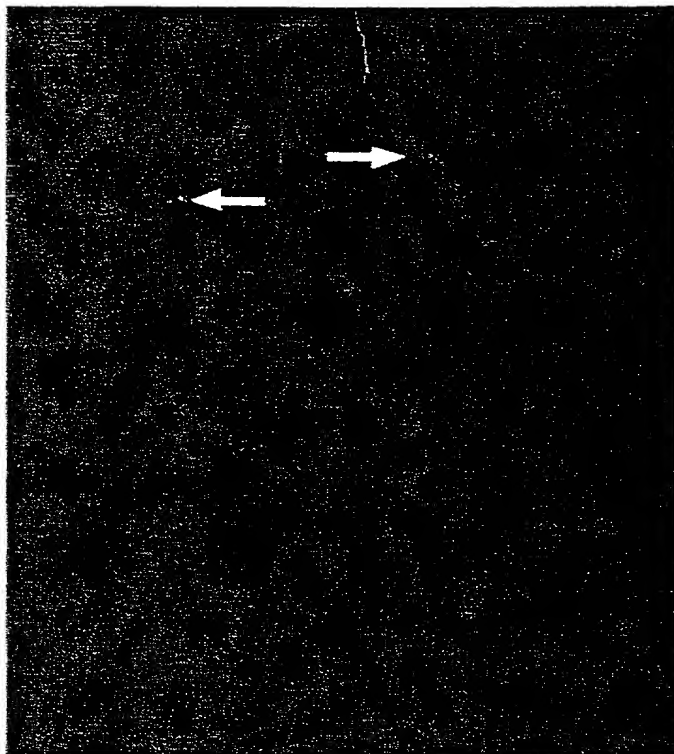
Figure 24



09965880-092801

25 / 25

Figure 25



096680-09601